



DESIGNED FOR USE WITH RG405/U SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.0875
CONTACT	.0209

REVISIONS		DATE	APPROVED
REV	DESCRIPTION		
010	RELEASED	9/27/91	CAS

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz) DC to 26	
Volt Rating (VRMS MAX)	
@ Sea Level	250
VSWR	1.07 @ .010 (1GHz)
Insertion Loss (dB MAX) $.07\sqrt{F(\text{GHz})}$ dB	
RF Leakage (dB MIN) $-.90 + F(\text{GHz})$ dB	
Corona, 70,000 Ft (VRMS MIN)	190
Dielectric Withstanding Voltage	
(VRMS MIN @ Sea Level)	750
Contact Resistance (Milliohms MAX)	
Center Contact	4.0
Outer Contact	2.0
Cable to Housing	0.5
RF High Potential @ Sea Level	
(VRMS MIN @ 5 MHz)	500
IR (Megohms MIN)	5000

MECHANICAL	
Interface Dimensions MIL-STD-348A,	Fig. 319.2
Recommended Mating	
Torque	7-8 in-lbs
Mating Characteristics:	
Insertion (MAX Lbs)	3
Withdrawal (MIN Oz)	1
Force to Engage and	
Disengage (in-Lbs MAX)	2.0
Center Contact Caplivation	
Axial (Lbs)	N/A
Radial (in-Oz)	N/A
Cable Retention	
Axial Force (Lbs)	30
Torque (in-Oz)	16
Weight (Grams)	TBD

ENVIRONMENTAL	
Temperature Rating	-65 TO +165 °C
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Thermal Shock	MIL-STD-202, Method 107, Condition B, Except High Temp Shall Be -85°C
Moisture Resistance	MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
Corrosion	MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
O-RING	SILICONE RUBBER PER 22-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY	DATE
	CHECKED BY	
	APPROVED BY	
FRAC.	DEC.	ANGLES
+ .04	+ .005	+ °
USE ASSY PROCEDURE		
NO. AP. 10-053		

		H/A-COM, Inc. Waltham, MA 02254	
		TITLE OSSM BULKHEAD FEEDTHROUGH CABLE JACK DIRECT SOLDER ATTACHMENT	
SIZE B	CODE IDENT NO. 26805	1004-5005-90	REV 010
SCALE 4:1		SHEET 1 OF 1	

CUSTOMER 1045398
SHEET 1 OF 1
REV 0